

## Memorandum

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Be energy efficient!*

**To:** DEPUTY DISTRICT DIRECTORS, Construction  
DEPUTY DIVISION CHIEFS, Structure Construction  
CONSTRUCTION MANAGERS  
SENIOR CONSTRUCTION ENGINEERS  
RESIDENT ENGINEERS

**Date:** July 23, 2004

**File:** Division of Construction  
CPD 04-7

**From:**   
ROBERT PIEPLOW  
Chief  
Division of Construction

**Subject:** Erection and Removal of Falsework Over Public Traffic is Prohibited

There have been recent incidents of falsework failures during falsework erection and removal on the Department of Transportation's (Department's) construction and oversight contracts. These incidents could impact the safety and mobility of the traveling public if they occur over traffic. Standard special provision (SSP) 12-200\_B10-15-99 should have been included in the traffic control section of the project special provisions during plans, specifications, and estimates, to prohibit falsework erection and removal over public traffic. To ensure the safety of the traveling public, erection and removal of falsework over public traffic is not allowed.

Erection operations include, but are not limited to, the following:

- Erecting posts,
- Placing stringers,
- Installing traffic impact devices,
- Adjusting falsework grades when the adjustment requires modification or removal of falsework components that contribute to the horizontal stability of the falsework system before placing concrete.

Removal operations include, but are not limited to, the following:

- Lowering,
- Releasing,
- Removing sand from sand jacks,
- Turning screws on screw jacks,
- Removing wedges,
- Jacking or adjusting that requires modification or removal of components that contribute to the horizontal stability of the falsework system after placing concrete.

Consider falsework over traffic if any portion of the falsework encroaches on the space between two vertical planes extended from the opposite edges of pavement.

DEPUTY DISTRICT DIRECTORS, et al  
July 23, 2004  
Page 2

The Office of Structure Construction and district construction personnel must ensure that a provision prohibiting falsework erection and removal over public traffic is included on construction and oversight contracts. If a construction or oversight contract where falsework erection or removal is contemplated does not contain the required provisions prohibiting falsework erection and removal over public traffic, issue a contract change order to incorporate these provisions in accordance with SSP 12-200\_B10-15-99. Attached is a sample contract change order and contract change order memorandum. These documents may be edited with the aid of a structures office engineer from the Division of Engineering Services, Structure Design Support and Earthquake Engineering, and in consultation with district traffic management. Ensure proper detours are available, add detour plans as needed, and include the appropriate language to the contract change order providing for detours or stoppage of traffic during falsework erection or removal over public traffic.

A transmittal to the Division of Construction contract change order desk will not be required for a contract change order written in compliance with this construction procedures directive.

If you have any questions or comments regarding this construction procedures directive, please contact Tony Tavares, Chief, Office of Contract Administration at (916) 651-6284.

Attachment